

DECLARATION, POWER OF ATTORNEY, AND PETITION

We, Peter M. Dussinger and Thomas L. Myers the petitioners named herein, do declare that our citizenships and residences are as stated above our respective signatures; that we have reviewed and we understand the foregoing specification and claims; that we believe ourselves to be the joint, original, first and only inventors of the invention in the patent application titled INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER WITH THROUGH MOUNTING HOLES and described and claimed in the foregoing specification; that we do not know and do not believe that the same was ever known or used in the United States before our invention thereof, or patented or described in any printed publication in any country before our invention thereof, or more than one year prior to this application; or in public use or on sale in the United States more than one year prior to this application; that this invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States on an application filed by us or our legal representatives or assigns more than twelve months prior to this application; that we acknowledge the duty to disclose information we are aware of which is material to the examination of the application in accordance with 37 C.F.R. sec. 1.56(a); and that no application for patent or inventor's certificate on this invention has been filed by us or our representatives or assigns in any country foreign to the United States.

We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

And we hereby appoint:

Martin Fruitman
Registration No. 26,890
419 N. George St.
Millersville, PA 17551

our attorney with full power of substitution and revocation, to

prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Wherefore, we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the foregoing specification and claims, and we hereby subscribe our names to the foregoing specification and claims, declaration, power of attorney and this petition this 11th day of May 1999.

Inventor's Name: Peter M. Dussinger
Citizenship: United States of America
Resident of: 8 Linside Ct., Lititz, PA 17543
Post Office Address: 8 Linside Ct.
Lititz, PA 17543

Inventor's Signature: Peter M. Dussinger

Inventor's Name: Thomas L. Myers
Citizenship: United States of America
Resident of: 44 Rolling Hill Dr., Lititz, PA 17543
Post Office Address: 44 Rolling Hill Dr.
Lititz, PA 17543

Inventor's Signature: Thomas L. Myers

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Dussinger et al.

Serial No: 09/310,397

Examiner: Atkinson, C.

Filed: 05/12/1999

Group Art Unit: 3743

For: INTEGRATED CIRCUIT HEAT PIPE HEAT
SPREADER WITH THROUGH MOUNTING HOLES

CERTIFICATE UNDER 37 CFR 1.8(e)
I, SAMUEL W. APICELLI, REGISTRATION NO. 36,427, HEREBY CERTIFY
THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE
UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN
ENVELOPE ADDRESSED TO ASSISTANT COMMISSIONER FOR
PATENTS, WASHINGTON, D.C. 20231.

ON _____

SAMUEL W. APICELLI

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

POWER OF ATTORNEY

The undersigned, James E. Rothenberger, a representative of Assignee, Thermal Corp., in the above-identified patent application, revokes all powers of attorney previously granted, and appoints the following persons as his new attorneys, with full power of revocation and substitution, to act in his behalf in all matters affecting the above-identified patent application.

The undersigned hereby appoints the practitioners of Customer No. 08933, namely, Samuel W. Apicelli, Registration No. 36,427; William H. Murray, Registration No. 27,218; Lewis F. Gould, Jr., Registration No. 25,057; Stephan P. Gribok, Registration No. 29,643; Peter J. Cronk, Registration No. 32,021; Robert E. Rosenthal, Registration No. 33,450; Richard A. Paikoff, Registration No. 34,892;; Daniel S. Goldberg, Registration No. 39,689; N. Stephen Kinsella, Registration No. 37,657; Steven E. Koffs, Registration No. 37,163; Gail A. Dalickas, Registration No. 40,979; Darius C. Gambino, Registration No. 41,472; Anthony Colesanti, Registration No. 42,428, Joseph A. Powers, Registration No. P47,006; and Melanie S. Goddard, Registration No. P46,732, as his attorneys to prosecute this application for patent, with full power of substitution and revocation to amend or otherwise act relative to him as they may deem advisable, to transact all business in the Patent and Trademark Office

Attorney Docket No.: H1799-00025

in connection therewith and generally to do all matters and things needful in the premises and to receive the Letters Patent.

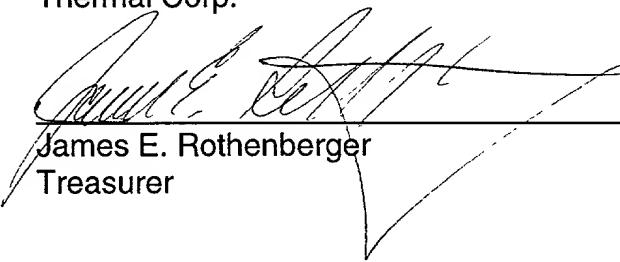
Correspondence should be directed to:

Samuel W. Apicelli, Esquire
Duane, Morris & Heckscher LLP
305 North Front Street, P.O. Box 1003
Harrisburg, PA 17108-1003

and address all telephone calls to: Samuel W. Apicelli, Esq.; (717) 237-5516.

Date: 11/2/00

Thermal Corp.


James E. Rothenberger
Treasurer

HBG\64512.1

Applicant: Peter M. Dussinger and Thomas L. Myers

Serial No.:

Filed:

Title: INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER WITH THROUGH MOUNTING HOLES

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
[37 CFR 1.9(f) and 1.27(c)] - SMALL BUSINESS CONCERN

I hereby declare that I am

the owner of the small business concern identified below:

an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN: Thermal Corp.

ADDRESS OF CONCERN: Rt. 113 & Edward Street
Georgetown, DE 19947

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For the purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention entitled
INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER WITH THROUGH MOUNTING HOLES

by inventor(s) Peter M. Dussinger and Thomas L. Myers

described in

the specification filed herewith
 application serial no. , filed

The rights held by the above identified small business concern are exclusive.

I acknowledge the duty to file, in regard to this application or patent, notification of any change of status resulting in loss of entitlement to small business status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which this status as a small entity is no longer appropriate. [37 CFR 1.28(b)]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Donald M. ERNST

TITLE OF PERSON OTHER THAN OWNER: Vice President

ADDRESS OF PERSON SIGNING: 616 S. WEST END AVE, LANCASTER PA
17603

SIGNATURE:

Donald M. Ernst

DATE May 1, 1984

ASSIGNMENT

WHEREAS, WE, Peter M. Dussinger and Thomas L. Myers,
have invented certain new and useful improvements in an
INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER
WITH THROUGH MOUNTING HOLES

for which we are about to file an application for Letters
Patent of the United States of America, which application was
executed by us on the 11th day of ~~May~~, 1999, and

WHEREAS, Thermal Corp.
hereafter referred to as the Assignee, is desirous of acquiring
an assignment of the invention disclosed in said application
and other rights and benefits herein granted;

NOW, THEREFORE, in consideration of these premises and
other good and valuable consideration, the receipt of which is
hereby acknowledged, we hereby assign and transfer to the
assignee the full and exclusive right in and to said invention
within and for all countries and the entire right, title and
interest in and to said application and such Letters Patent as
may issue therefrom and from all substitutions, divisions,
continuations, and reissues of said application; said
application and such Letters Patent to be held by the assignee
to the full end of the term for which such Letters Patent may
be granted, as fully and entirely as the same would have been
held by us had this assignment not been made.

We hereby further agree to make, execute, and deliver to
the assignee, upon request, but at the expense of the assignee,
any and all papers, documents, affidavits, statements, or other
instruments that may be necessary in the prosecution of said
application and of any substitutions, divisions, continuations,
or reissues of said application, and further agree to assist
the assignee in every way that may be requested in protecting
said invention, provided that any expense arising through
extending such assistance will be paid by the assignee.

We hereby consent that a copy of this assignment shall be
deemed a full legal and formal equivalent of any assignment,
consent to file, or like document which may be required in any
country for any purpose, and more particularly in proof of the
right of the assignee or its successors, assigns, or nominees
to apply for patent or other protections for said invention and
to claim the benefits of the right of priority by the
International Convention for the Protection of Industrial
Property, as amended, or by any convention which may be
substituted for it.

We hereby covenant that we have the right to grant the foregoing assignment.

IN TESTIMONY WHEREOF, we have each set our hand and affixed our seal.

Inventor's Name: Peter M. Dussinger
Citizenship: United States of America
Resident of: 8 Linside Ct., Lititz, PA 17543
Post Office Address: 8 Linside Ct.
Lititz, PA 17543

Inventor's Signature: Peter M. Dussinger

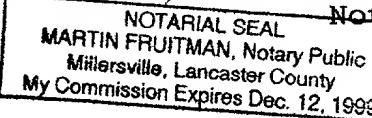
Inventor's Name: Thomas L. Myers
Citizenship: United States of America
Resident of: 44 Rolling Hill Dr., Lititz, PA 17543
Post Office Address: 44 Rolling Hill Dr.
Lititz, PA 17543

Inventor's Signature: Thomas L. Myers

STATE OF PENNSYLVANIA)
) SS:
COUNTY OF LANCASTER)

Subscribed and sworn to before me by the above named
Peter M. Dussinger this 11th day of May, 1999.

(SEAL)

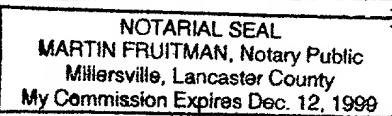


Notary Public

STATE OF PENNSYLVANIA)
) SS:
COUNTY OF LANCASTER)

Subscribed and sworn to before me by the above named
Thomas L. Myers this 11th day of May, 1999.

(SEAL)



Notary Public